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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/595,204	06/16/2000	Naokazu Nagasawa	32739	1207

116 7590 07/09/2003

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EXAMINER

TRAN, CON P

ART UNIT	PAPER NUMBER
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2644

DATE MAILED: 07/09/2003

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Please find below and/or attached an Office communication concerning this application or proceeding.

CN

Office Action Summary

Application No.

09/595,204

Applicant(s)

NAGASAWA ET AL.

Examiner

Con P. Tran

Art Unit

2644

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 16 June 2000.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-8 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-8 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 4,7,8.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. **Claims 1-2, 7-8** are rejected under 35 U.S.C. 102(b) as being anticipated by Oba et al. U.S. Patent 5,454,035.

Regarding **claims 1-2**, Oba et al. teaches a telephone terminal device (see Fig. 3, 4 and respective portions of the specification) comprising:

a temporary storage memory (31) for temporarily storing an inputted telephone number; and a plurality of telephone directory memories (phone 35, memo 36), each storing input telephone numbers; wherein a telephone number stored in the temporary storage memory is registered in one selected from the plurality of the telephone directories after making a call, name and information related to the telephone number registered are added thereto (col. 5, lines 36-57).

Regarding **claim 7**, Oba et al. further teaches the telephone terminal device as claimed in claim 1, wherein the telephone directory memory for registering the

telephone number stored in the temporary storage memory after a call is selected manually from the plurality of the telephone directory memories (col. 5, lines 36-57).

Regarding **claim 8**, Oba et al. further teaches the telephone terminal device as claimed in claim 1, wherein the telephone directory memory for registering the telephone number stored in the temporary storage memory after a call is selected preliminarily from the plurality of the telephone directory memories so that the telephone number stored in the temporary storage memory is registered automatically in the preliminarily selected telephone directory memory after each call (col. 5, lines 36-57).

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. **Claims 3-6** are rejected under 35 U.S.C. 103(a) as being unpatentable over Marutiak U.S. Patent 5,568,546 in view of Borland (6320,943).

Regarding **claim 3**, Marutiak teaches a telephone terminal device as claimed in claim 1. However, Marutiak does not explicitly disclose wherein data of at least one of the telephone directories are erased automatically after passage of a predetermined

time. Thus one of ordinary skill would have been motivated to seek an embodiment in order to provide an actual working arrangement taught by Marutiak. Such embodiments would have been any known electronic directory such as one of Borland in the same field of endeavor

Borland teaches in electronic directory (Fig. 1) numbers, which have not been used for a given period of time, may be deleted from the directory (col. 7, lines 6-9) in order to optimize the directory for the particular use of the communication device without significant maintenance by the user (col. 7, lines 9-11).

Therefore, it would have been obvious to one of ordinary skill in the art, at the time the invention was made to incorporate the teaching of Borland within the Marutiak in order to optimize the directory for the particular use of the communication device without significant maintenance by the use, as suggested by Borland in column 7, lines 9-11.

Regarding **claim 4**, Borland further teaches the telephone terminal device as claimed in claim 1, further comprising:

a transmitted telephone number record memory (103) for storing a plurality of telephone numbers called; and a buffer memory (within 103), whose data are erased automatically after passage of a predetermined time (col. 7, lines 6-9), wherein telephone numbers are registered in the transmitted telephone number record memory in the order of call, and in the case the number of the telephone numbers to be registered exceeds the number capable of being stored in the transmitted telephone

number record memory, the telephone number of the oldest registration order or a telephone number specified by the user is displaced from the transmitted telephone number record memory to the buffer memory for reregistration (col. 7, lines 1-21).

Regarding **claims 5-6**, Borland further teaches be a single memory or multiple memories, which may also be physically separated (col. 4, lines 13-15).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Con P. Tran, whose telephone number is (703) 305-2341. The examiner can normally be reached on M - F (8:30 AM - 5:00 PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Forester W. Isen can be reached on (703) 305-4386. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9314 for regular communications and (703) 872-9314 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Customer Service Office at telephone number (703) 306-0377.



FORESTER W. ISEN
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600

cpt
June 30, 2003